O TOA					FICATION			
						980614176		
PART1-	SITE INFORMAT	ION AN	D ASSESSN	IENT		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
IL SITE NAME AND LOCATION								
01 SITE NAME (Legal, common, or descriptive name of alla)			.,	A SPECIFIC LOCATION		1		
Sauget Monsanto Illinois	Landfill		Yousen to	DE COUNTY  ST. Class	See belo	w)		
_	l c	M STATE	06 ZIP COOE	ON COUNTY		CODE	06 CONG	
Sauget		16	62201	S1. Clai		163	23	
ON COORDINATES LATITUDE LONGITUDE			1 4.		10	1 - 1		
383620.0 0901030.0 Cahokia, IL-Mo. (225c)  10 DIRECTIONS TO SITE (Survey than married parts made)  Take 55 South to Route 3. South on Rte. 3 to Monsanto								
Take SS	- South to Ri	bute 3	s. South	on Rte. 3	to M	Ponsanto		
Avenue. Site is approximately	Yu mik w	st of	Rt. 3	ON MONSON	6 Ave	we. Six	e is	
on North side of road between	the Illingis	Contra	1 Gulf R.	R. and Termi	wal Ri	R. fracks.		
III. RESPONSIBLE PARTIES		•						
01 OMER (France)			OZ STREET (Business, malling, readdentag)					
Union Electric Company		P.O. Box 149  O4 STATE OS ZP CODE   DO TELEPHONE NUMBER						
ST. Louis		1.10	63166		<del></del>	<u> </u>		
		20	no M		ا میں صدر			
Sauget & Company		O STATE	11 ZP COOE	insanto A	NUMBER	<del></del>		
. Sauget	1	T/	62201	( )				
13 TYPE OF OWNER OF (Creat and	<u></u>		1000/			<del></del>		
OI A. PRIVATE () B. FEDERAL:	(Agency name)		_ C. STA	TE DD.COUNTY	() E. M.	INICIPAL.		
□ F. OTHER:	<del></del>		_ D. G. UNK	NOWN				
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check of that apply)				-				
A. RCRA 3001 DATE RECEIVED:	B. UNCONTROLLE	D WAST	E SITE (CERCLA 1	NA DATE RECEIVE	D: MONTH (	DAY WEAR	. NONE	
IV. CHARACTERIZATION OF POTENTIAL HAZARD								
01 ON SITE INSPECTION SY (CONTRACTOR SY (CONTRACTOR ST C. STATE D. D. OTHER CONTRACTOR								
D NO DATE DAY YEAR DE LOCAL HEALTH OFFICIAL DF. OTHER:								
	ACTOR NAME(S): _						•	
02 SITE STATUS (Chest one)	03 YEARS OF OPERA				3			
□ A. ACTIVE Ø B. INACTIVE □ C. UNKNOWN								
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN,	OR ALLEGED		_	-l 1	•		1	
Studge Inorganic Chemicals (Corrosive, Ignitable)								
Other Organic Chemical & CReact	tive)		Acids	( corrosive	)			
OS DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND	OR POPULATION		<del></del>	<del></del>				
Growdwater (Environment)		/-	. 1	/_				
	bro	e /E	Phsica	(Environme.	.+)			
Surface Water (Euveronment)					J			
V. PRIORITY ASSESSMENT			<del></del>	· /*				
O1 PRIORITY FOR INSPECTION (Cheek one, if high or medium is checked, or		allen and Pe	ri 3 - Decorption of 16	Martious Conditions and Inc.	dentaj	·		
A. HIGH B. MEDIUM Antopolitor required premptly; Grapocitor required	E C. LOW	نيون ولجوات	O. NO	VE rihar safan naaqad, qampiq	in current dispo	alian famil		
VI. INFORMATION AVAILABLE FROM						<del></del>		
01 CONTACT	02 OF (Agency/Organizati	101)		<del></del>		03 TELEPHONE	NUMBER	
Ker Marsing 04 PERSON RESPONSIBLE FOR ASSESSMENT	JEPA	_	_			1618 1345	- 4606	
(	05 AGENCY	06 ORG	ANIZATION	07 TELEPHONE		OS DATE		
Gregory W. Dunn	LPC	RI	oms	(217) 783	-6761	MONTH DAY	6 / AVG	
EPA FORM 2070-12 (7-81)								

### **\$EPA**

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION 01 STATE 02 SITE NUMBER TLD 980 614 176

II. HAZARDOUS CONDITIONS AND INCIDENTS						
01 X A. GROUNDWATER CONTAMINATION	02 L' OBSERVED (DATE) KPOTENTIAL ALLEGED  04 NARRATIVE DESCRIPTION					
The area of the site is in a loany fine sand that is moderately permeable.  An alluvial aguifer is shallow and is the most permeable. Contamination from the site can suffiftuate into this aguifer and create problems for the users of the						
site can infiltrate into this age						
01 # B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED.	02 KOBSERVED (DATE: 2/26/78) L: POTENTIAL .: ALLEGED 04 NARRATIVE DESCRIPTION					
On many occasions, leachate has	been observed flowing & ponding on site.					
No documentation exists for h	outer Flowing Straight.					
01 (1) C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:	02 C OBSERVED (DATE) POTENTIAL C: ALLEGED 04 NARRATIVE DESCRIPTION					
01 M D. FIRE/EXPLOSIVE CONDITIONS	02 ID. OBSERVED (DATE: 10/04/71 ) L: POTENTIAL					
OB POPULATION POTENTIALLY AFFECTED NA AN INSPECTION ON this Rate . 650	erved a small Gire in the refuse pile. The					
	to the pile to smother the fire. The operator					
	bly from Act-containers on fire.					
01 DE. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED.	02 (2 OBSERVED (DATE:)					
01 % F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: 5 17	02 DOBSERVED (DATE ) XPOTENTIAL ALLEGED 04 NARRATIVE DESCRIPTION					
Due to the chemicals and	residues disposed at the landfill, soil					
contamination can occur.						
01 X G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: <u>Valkopyla</u>						
Drinking water could be co	utaminated if someone in the area uses					
the allowed aguifer for drinking	ing. At this time no one is known to use					
01 (I.H. WORKER EXPOSURE/INJURY 03. WORKERS POTENTIALLY AFFECTED:	02 (2 OBSERVED (DATE) LI POTENTIAL ALLEGED 04 NARRATIVE DESCRIPTION					
	THE SECOND TION					
01 © 1. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	02 (1 OBSERVED (DATE) [] POTENTIAL [] ALLEGED 04 NARRATIVE DESCRIPTION					
and the second s	THE RESERVE DESCRIPTION					

#### **EXECUTIVE SUMMARY**

The Sauget Monsanto Illinois Landfill is located 1/4 mile west of Route 3 on Monsanto Avenue. The site is situated between the Illinois Central Gulf R.R. and the Terminal Association R.R. tracks on the north side of Monsanto Avenue. The site is co—owned by Union Electric Company (approximately 17 acres) and Mr. Paul Sauget (approximately 5.5 acres). Mr. Paul Sauget bought the acreage he owns from Illinois Central Gulf R.R. in 1979.

The landfill is an inactive site that was issued an operating permit on January II, 1973 to dispose of general refuse. The site received a supplemental permit on February 8, 1974 to accept diatomaceous earth (filter cake) from Edwin Cooper, Inc. (now Ethyl Petroleum Additives). No hazardous wastes were permitted to be accepted at the site.

Despite not having a permit for accepting hazardous wastes, many inspections reveal otherwise. A December 27, 1977 inspection revealed 25 metal containers (12-15 gallons each) of phosphorous pentasulfide disposed and worked into the fill. The Monsanto Company was notified to retrieve the containers and soil contaminated from the waste. On January 3, 1978 a Monsanto Company representative informed Mr. Ken Mensing, an IEPA inspector, that the containers and soil were taken back to the plant for re-packaging prior to disposal. A June 19, 1979 inspection observed a Chem Tech truck repairing a leak. The truck was found leaking on Route 3 and was instructed to pull into the landfill by a State Police officer. In the process of repairs, hydrofluosilicic acid leaked onto the ground and ponded. Other inspections observe the disposing of ACL-85 fiber pack drums, which are prohibited. The acceptance of the drums resulted in a small fire on October 4, 1979. The operator of the site was pushing sand toward the fire to extinguish it, commenting the "filter sleeve with ACL in it is always burning".

The site is now inactive and information regarding appropriate final cover is unavailable. The observed release of contaminants has occurred from leachate ponding at the site. No other releases have been observed, but soil, surface water, and groundwater contamination can occur. A low priority is given with a site inspection to take place on a time availability basis. The inspection should include a final cover check for depth and soil samples with a priority pollutant analysis complete on each sample.

GD:ct/1120g,50

## Illinois Environmental Protection Agency

#### **MEMORANDUM**

DATE:

January 6, 1978

TO:

Division File

FROM:

Ken Mensing - Southern Region

SUBJECT:

St. Clair County LPC# 16312102

Sauget/Monsanto

On January 3, 1978, I went to the Monsanto Chemical Company Plant in Sauget, Illinois for the main purpose of picking up samples of monsanto ash which Paul Sauget proposes to use for final cover on a portion of the closed Sauget/Sauget site. Four (4) jars of different monsanto ash samples were picked up along with one (1) jar of a sample of the southern railway slag. These samples were obtained from Frank Basile.

Mr. Basile informed me that the P2S5 that was dumped at the site has been retrieved as best as possible and taken back to the plant for re-packaging prior to disposal at a chemical waste landfill. I then informed him that chemical waste packaging had been disposed of at the fill and that some residues were observed. I showed him the permit which forbids this activity. He ran a copy of the permit. He said they would implement strict material handling procedures to preclude any chemical waste from being taken to the fill. I told him that no chemicals can be landfilled.

KM: jkk/1794-9

cc: Land FOS Manager Southern Region